

PRODUCT DATASHEET

CM400 Bow Chain Actuator

Suitable for use in smoke and natural ventilators

Technical

Supply : 24 Vdc +/- 15%

Current draw: 0.85A @ 24Vdc

Stroke: 100-1,000mm

Pull forces : 400N

Clamping forces: >3,500N
(based on manufacturers bracket)

Loaded speed (Pull): > 8.0 mm/s

Housing: Extruded aluminum

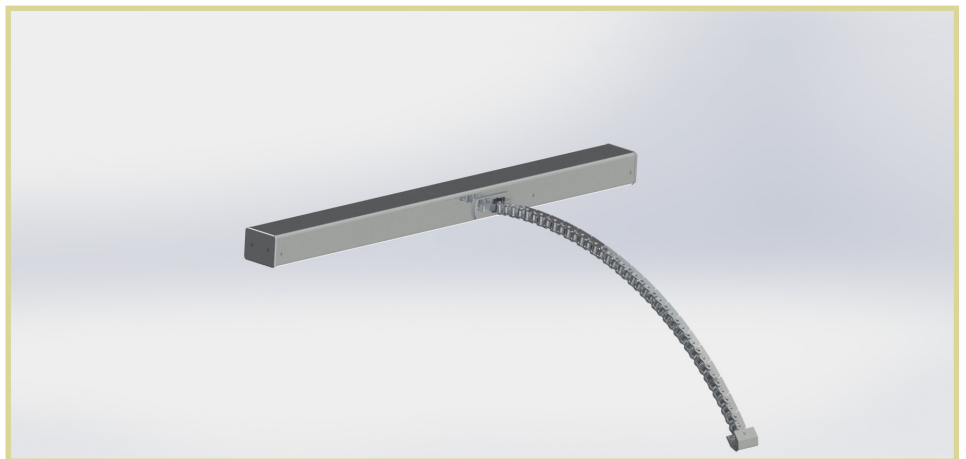
Finishes: Powder coated RAL9006

Cable: 1 m silicon cable

Ingress Protection: IP 32

Endurance: 10,000 cycles
30% duty cycle

Weight : 2.0 kg (400mm stroke)



Description

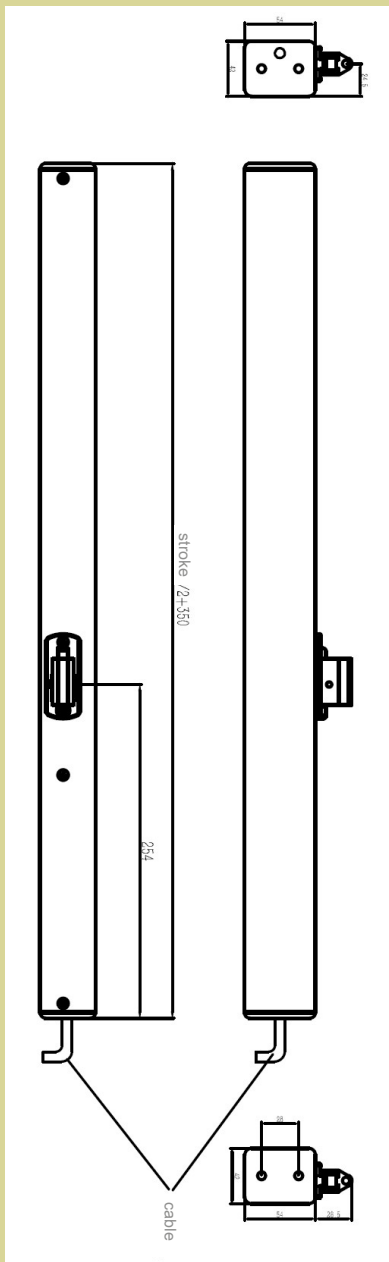
This window actuator is equipped with a special chain which is structurally bendy at a side. This feature makes it ideal for those occasions that the actuator body is somehow fixed in a position. It can be used in bottom-hung or side-hung applications for natural and smoke ventilation purpose.

Features

- Versatile application for bottom-hung or applicable side-hung windows.
- Corrosion resistance.
- Tested to meet EN12101-2 annex C cycling test for 10,000 cycles.
- Optional soft opening, water seal relief and finger protection for safety.

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Dimension



Order code	Description
B04.N.D.400.A.L0	24Vdc 400N, 400mm chain actuator, for retraction use only
B04.N.D.600.A.L0	24Vdc 400N, 600mm chain actuator, for retraction use only
B04.N.D.900.A.L0	24Vdc 400N, 900mm chain actuator, for retraction use only
B04.E.D.400.A.L0	24Vdc 400N, 400mm chain actuator, intelligent type, for retraction use only
B04.E.D.600.A.L0	24Vdc 400N, 600mm chain actuator, intelligent type, for retraction use only
B04.E.D.900.A.L0	24Vdc 400N, 900mm chain actuator, intelligent type, for retraction use only

How to order VARIANTS

B04
N
D
XXX
S

B = Bow chain

N = carbon steel
E = intelligentD = 24Vdc
A = 230VacStroke
1000mm = 1K0
500mm = 500
250mm = 250Colour
S = Powder
coated Silver
A = Anodized
B = Black

Use of improper brackets will damage windows and actuators or reduce their useful life, please contact our sales for special brackets supply. For this type of actuator, the brackets usually need to be specifically designed to cater for the special installation requirement depending on the window profile.

